

Application Serial No. ~~10/523,802~~ 10/523862  
Reply to Office Action of May 31, 2007

PATENT  
Docket: CU-4081

### REMARKS

In the Office Action, dated May 31, 2007, the Examiner states that Claims 1-13 are pending and Claims 1-13 are rejected. Claims 1-13 are rejected under 35 U.S.C. § 103(a) as being unpatentable over May (U.S. 2,428,979) in view of Neff (U.S. 4,861,404). The Applicant respectfully disagrees and transposes this rejection.

The present invention claims a matrix of cells aligned vertically wherein the cells are closed at the bottom, the top, or both the bottom and the top of the cell by methods of manipulation and joining of the extended cell walls. Neither of the cited references independently nor combined disclose closed end of cells as is claimed in the present invention. Neff discloses a method of manufacture of a curtain of single cells aligned horizontally. A honeycomb structure is formed by the joining of a leg 20 on one sheet to a pleat 32 on a second sheet. This arrangement forms a curtain of single cells, which are open-ended, and not a structure of cells which are closed at the base and/or top ends. The method disclosed in Neff could not be used to manufacture multiple layers of cells each layer being joined as claimed in the present invention. Moreover, the two ends of the single row of cells in Neff are left open, and Neff does not disclose a method of creating a multiple cells matrix manufactured with closed ends.

May discloses an open-ended cell matrix 26. May does not disclose closing of the ends of the cell as is claimed in the present invention. Therefore, because neither reference teaches or suggests closing of the cells, the present invention cannot be obvious in view of the cited references.

Furthermore, neither of the honeycomb structure of May or Neff are intended to be filled with a filler material and there would therefore be no reason for the honeycomb cells of May and Neff to be closed at the base and/or the top ends; and therefore, a person reading May and Neff together would not consider it obvious to produce a structure comprising cells which are closed at one or both ends.

Claims 1-10 and 13 are rejected under 35 U.S.C. § 112 as being indefinite for the use of "and so on" in claims 1, 3, 4, and 6. The claims have been amended to remove this language to overcome this rejection. Therefore, the present rejection should be deemed overcome. Moreover, the Applicant has amended claim 12 to

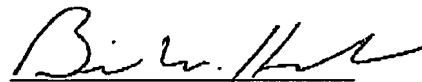
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claim a method, and the rejection to that claim should be overcome.

In light of the foregoing response, all the outstanding rejections are considered overcome. Applicant respectfully submits that this application should now be in condition for allowance and respectfully requests favorable consideration.

Respectfully submitted,



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Date

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